G R S M

Prior references

Vol 406-09 Pg 1-4

1911-12

File No 136-11

F Diary 1910 (Municipal) Serial Nos 164 and

Later references

Pol 24-16 Pt 11-25 R Nov 1911.

Govt to Dept 760 21/5 Pt

to Dept no 121-54-96

GENERAL AND REVENUE SECRETARIAT.

Serial Nos 164 and 7

Part B for March 1912

SUBJECT

Programme of drainage works to be carried out in the Mysore city during the next year.

1. From the Chief Engr No 5860 of 21-9-11
   Forwards copy of his letter to the chairman, Mysore city Improvement Trust Board about the drainage project for the city.
2. Letter No. 28398 20-10-11 from the Secy to Govt to the Chairman
   Requests him to submit definite proposals about the Mysore city drainage project early.
3. From the Chairman No. 66 of 13 11 11
   Submits for sanction a comprehensive proj[illegible]

sanitary works to be carried out in the purpose of benefit, framed on the lines suggested by the Chief Engineer in his on the drainage of the city.

4. From the Chairman No 167 dt 14-11-11
Submits in continuation the general report of the Board's Executive Engr on the scheme and other papers relating thereto.

7. To the Chairman, Sanr Comm, Pramt, Improvt of municipal Council and Comptroller's No 6831-5 dt 21 & 12
Approves of the programme of works as now framed generally and gives an assurance that the usual grant of three lakhs will be continued until the programme is completely worked out and requests the Board with certain observations to proceed to take up each project in the order of its importance and urgency and submit the same for the final sanction of Govt

Recorded by
Ghanashyam Ayyar
29.5.12

177

(G.R.R. 11]

1911-1912

GENERAL AND REVENUE SECRETARIAT

( )

NOTES

File No 136-V

FILE HEADING

Mysore City Drainage Project

From

The Chief Engineer of Mysore

No 5800 Dated 21.9.11 Received 25-9-11

Diary No 1712 Enclos 2 Spare Copies - Serial No 1

BRIEF ABSTRACT OR LETTER

Forwards Copy of his letter to the Chairman about the Drainage Project for the City.

NOTES AND ORDERS

Draft letter to the Chairman directing his attention to the Chief Engineer's letter and calling for definite proposals with plans and lines of drains is submitted.

Put 30. 2 Issue and submit for the

U.O. [illegible]

Notes—First Sheet

G. R. S. 12]
General and Revenue Secretariat.

File No. 136 of 1911

Serial No.

3

1st Cro enformation
13.10.11

2 3 Letter no 2839 dated 20th Oct. 1911 to the Chairman.

Requests him to submit definite proposals about the Mysore City drainage project early.

~~Subject to the result of~~ for information as per orders passed by Govt 24.10.11

Seen
25/10/11

25-10-11

3 Letter no 167 dated the 13th inst. from the Chairman.

Submits for approval a Comprehensive programme of sanitary works to be carried out in the Mysore City hereafter, prepared on the lines suggested by the Chief Engineer (Sir Visvesvaraya) in his note on the drainage of the City.

4 Letter no 167 dated the 14th Nov. 1911 from the Chairman.

Submits in continuation the General report of the Board's Executive Engineer on the scheme and other papers

Note—Contin sheet

GPS—30,000—12-8-10

G R S. 12]
General and Revenue Secretariat.

File No. 126 of 1911

Serial No.

relating thereto.

Submitted for orders. The estimates of the several improvement schemes sanctioned from time to time up to the end of the year 1910-1911 amount to Rs 27,02,634. The programme of works proposed to be carried out hereafter involves an expenditure of Rs 23,67,590 The Chief Engineer has scrutinized the estimates and the Central Com: Board have approved of them. It is stated that after this programme is effected by Govt: each project, in the order of its importance and urgency, will be submitted for final sanction The Comprehensive programme of works has been formulated on the assumption that a Government grant of three lakhs of rupees will be available for them annually until they are completed. The Finl: Branch may be consulted about the necessary funds

Rs 150

20 II

Forwarded to Pol II for favour of opinion as regards providing funds for the works detailed in the programme including acquisition of properties &c - All the works seem to be necessary.
22-11-11. Tillo

Rs Lacs 6.04

Note — Contn sheet

GPB—50,000—12-8-10

C. R. S. 12]
General and Revenue Secretariat.

File No. 131 of 1911-12

5

504

Serial No. 10

C

Subd. The annual budget-grant from the State funds for the Mysore City improvement has been restricted to three lakhs of rupees inclusive of the opening balance in favour of the Board and its income derived from properties" vide para 4 of G.O. order No. 686-8 / Fnl 17-07 dt 7/1/1908

a The sum already expended is Rs 27,02,634
The cost of the proposed programme of work . . Rs 23,67,590

Subd
R-36 24/11/11
GR
dt 25/11/11 Whereas that 27 lakhs have already been spent and 23 lakhs more wanted for not only bringing new works into existence but to complete or renew already works which have cost 27 lakhs, viz the Cauvery Reservoir project and the Extension Railways the State funds will be sorely tried and a sum of 3 lakhs released from this head would not be a negligible item in making provision for other pressing claims. As all these

NOTE—Contn. above

GPB—50,HD—12-9-10

2601

G. R. S. 13]
General and Revenue Secretariat.

File No. 136 of 1911

Serial No.

504

As the Rep[orts] have submitted
on the Cauvery Reservoir
Conferences these require all available
funds and if the Estimates which
are themselves large are exceeded
the Main become, even more fruitful
In these circumstances it would not
be possible to [illegible] any fund
for this purpose in the future budgets. After
these pressing works are finished this
Scheme may then be taken up It may
also be mentioned that some work
has been done with the agreement
of the Mysore Govt in connection with the Mysore
Govt D2 Work will have arrived
at a stage when it can commence
work

Sir IV

Secy

3 File accordingly for orders.

Ack 50
4. 1. 12

4/1/12

Secy

4 There is no doubt that with
large expenditure on Railways &
the Cauvery Project in the near future

Keep the Govt's
letter from
Sellon No
5/1/12

NOTE.—Contin sheet

GPS—80,000—12-9-10

Serial No.

Govt will be rather short of funds & will have to economise in all possible directions in what may be called 'optional' expenditure. It is however doubtful whether it is desirable to suspend for an indefinite time all operations of the T. Board in Mysore by withdrawing the annual grant of three lacs. We have already spent a large amount of money, & though from the Chief Engineer's note it is seen that some of it has not been wisely spent, the full benefits of the improvements cannot be realised unless the whole project is completed as now modified. If it is not impossible to spread the ~~Railway~~ expenditure on Railways & Irrigation over a few years ~~more~~ longer than otherwise so as not to affect the grant to the Mysore Trust Board.

If in the circumstances the programme of works now framed may be generally approved and an assurance given or at any rate a resolution of the Govt placed on

Note—Contin. sheet.

G. R. S. 12]
General and Revenue Secretariat.

Mk File No. 136 of 1911

8

Serial No.

read that an annual grant of 3 lacs of rupees will be given to the Mysore Trust Board until the programme is completely worked out. The Board may be called upon to develop the schemes in detail & make arrangements for their execution with all possible despatch.

1st C)

CSB
2/2/12

KWK
2 2 12

17 It would be undesirable to leave the Mysore City Improvement incomplete. 27 lakhs have been spent already and 23 lakhs more are required. The programme of works may be sanctioned on the understanding that 3 lakhs of rupees are set apart annually on this account until the whole scheme is worked out. The Cauvery Reservoir and

Note—Contin sheet.

G.R.S. 12]
General and Revenue Secretariat

Dev. File No. 136 of 1911

Serial No.

Railway extension schemes should be treated as extra ordinary works and not allowed to interfere with the Mysore city Improvement scheme. The financial arrangements for the former rest on a different basis. The Mysore city Improvement has too far advanced to be treated as an optional item of work

KRM
5/2/12

Dewan

14904/12

I have no fear that there will be a financial impasse unless our funds get locked up or petrified - We can have our Reserve from Railways & the Mysore Bonds if our assets are kept realisable

Thos 11 Feb 12

Note—Contin. sheet.

GPB—30,00:—12-8-10

Mr 136-4

9

Submitted to His Highness.

In April 1910 the Chief Engineer submitted a comprehensive note on the drainage of the Mysore City with his recommendations for the consideration of Government. A copy of the note was forwarded to the Chairman of the Board of Trustees, Mysore, and he was requested to submit a comprehensive programme of works to be carried out in the future on the lines suggested in the Chief Engineer's note (para 43(11)) for the orders of Government.

2. The Chairman has accordingly submitted a comprehensive programme of the works to be carried out in the Mysore City, costing in the aggregate Rs.23,67590 and states that after the programme is approved and the orders of Government are received, each project in the order of its importance and urgency, will be submitted for the final sanction of Government. They have also received the approval of the Central Sanitary Board. The programme has been formulated on the assumption that a Government grant of 3 lakhs, per annum, would be given until the works are completed.

3. Regarding the question of funds, the Financial Branch is of opinion that it would not be possible to guarantee any grant in the future budgets for these works, with the Railway and the Cauvery project works, which require all available funds.

4. The First Councillor states that it would be undesirable to leave the Mysore City Improvement incomplete. 27 lakhs have been spent already and 23 lakhs more are required, and that the programme may be sanctioned on the understanding that 3 lakhs of Rupees are set apart annually on this account until the whole scheme is worked out.

5. I quite agree with the First Councillor. It would be undesirable to suspend these improvements for an indefinite time by withdrawing the annual grant. The programme, as now framed, may be generally approved and an assurance given that the annual grant of 3 lakhs would be continued until the programme is completely worked out.

6. I submit the papers for orders.

12/12/22

Ref 136-94

2501

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Programme of drainage works to be carried out in the Mysore City during the next few years.

DATE 12.2.12

(with 4 packets of plans)

Order.

Approved

~~KRW~~

23/2/12

G R S. 12]
General and Revenue Secretariat.

File No. 136 of 19 11

Serial No.

23 Draft orders submitted.
Secy) 4 3 12
29-2-12 (10)
24 Issue
20.3.12

25 G.O. No. 6831-S dated 21st March 1912.

Approval of the programme of works as now framed generally and gives an assurance that the annual grant of three lakhs will be continued until the programme is completed, but requests the Board with certain observations, to proceed to take up each project in the order of its importance and urgency and submit the same for the final sanction of Govt.

Note—Contin. sheet

GPS—50,000—12-8-10

No 8799 { 1 Copy of memorandum / 1 Copy of letter

MYSORE P W DEPARTMENT,

CENTRAL OFFICE

Bangalore, 21st September 191

DIARY No 171

1911-12

SEC-IO. 2nd

FILE No. 136-11

SERIAL No. 1

From

M VISVESVARAYA, Esq, M.I.C.E.,

Chief Engineer of Mysore,

Bangalore.

To

C.S. Balasundaram Iyer Esq., B.A.,

Offg. Secretary to the Government

of His Highness the Maharaja of Mysore,

General and Revenue Departments.

Sir,

I have the honor to forward herewith copy of letter No 8799 dated 21st September 1911, which I have this day addressed to the Chairman, City Improvement Trust Board, Mysore, on the Drainage Project for the Mysore City

2. A copy of the memorandum referred to in paragraph 2 of my letter to the Chairman is herewith enclosed for the information of Government.

I have the honor to be,

Sir,

Your most obedient servant,

For Chief Engineer of Mysore.

1911-12

MYSORE P W DEPARTMENT

No 5800

From

THE CHIEF ENGINEER OF MYSORE
Bangalore

To

The Secretary to Government
Genl Rev Depts,
Bangalore

Dated Bangalore, 20th Sept 1911

Despatched

Enclosure No 2

SUBJECT

Regarding the Drainage Project of the Mysore City.

GPB—2,000—4-9-11

2

No 8799

MYSORE P W DEPARTMENT,
CENTRAL OFFICE
Bangalore, 20th September 1911

From

M. VISVESVARAYA, Esq, M.I.C.E,
Chief Engineer of Mysore,
Bangalore

To

Recd 13-9-11
81

The Chairman,
City Improvement Trust Board,
MYSORE.

Sir,

In continuation of this office No. 5558 dated the 26th June 1911, I have the honor to forward herewith the papers as per list attached relating to the Drainage Project for the Mysore City together with the resolution of the Central Sanitary Board approving of the project generally.

2. I trust you will now submit the project for the sanction of Government together with the recommendations of the Trust Board and the Municipality on the points raised in paragraph 4 of my memorandum dated the 26th June 1911.

3 I have no doubt the matter will receive the very early consideration of the Board.

I have the honor to be,
Sir,
Your most obedient servant,
(Sd) Kapur Shrinivasrav,
For Chief Engineer of Mysore

"True Copy "

For Chief Engineer of Mysore

MYSORE P W DEPARTMENT

No.

From

THE CHIEF ENGINEER OF MYSORE,
Bangalore.

To

Dated Bangalore,

Despatched

Enclosure No

SUBJECT

GPE—3,000—4-8-11

16 3

LIST OF ENCLOSURES.

Encl to Cl 1386 dtd 8/11

1. General report by the Executive Engineer, Mysore City Improvements Division with a resolution of the Trust Board
2. Plans and estimates for the outfall sewer and works with a resolution of the Trust Board.
3. Do- for the sewerage of No. I Area
4. Do- No. II Area
5. Do- No. III Area Part I
6. Do- No. III Part II
7. Do- No. IV Area Part II
8. Do- No. V Area
9. Do- Nazarbad
10. Do- Ittigegud
11. Do- Fort
12. Sinking outfalls of No. I Area
13. Do- No. V Area.

1. Memorandum by Chief Engineer dated the 26th June 1911
1. Resolution of the Central Sanitary Board dated the 11th September 1911.

4

MYSORE DRAINAGE.

MEMORANDUM

Preliminary

In their Proceedings No.990-2 6/Ml 408-09-1 dated the 3rd May 1910, Government directed that a complete drainage scheme be prepared for the Mysore City, on the lines indicated in a printed Note by the Chief Engineer dated the 27th April. They also requested the City Improvement Trust Board to submit a programme for the execution of the scheme and other allied works in the order of their urgency and importance.

A complete scheme for the drainage of the City is now ready.

What the scheme provides for and what it does not.

2. The project provides for a system of underground sewers with house connections adapted to Indian conditions. It supersedes the combined scheme of surface drains and underground sewers which was being carried out till last year.

The immediate transition will be effected with the least disturbance of existing conditions. The future development of the scheme must depend on the prosperity and growth of the City.

The septic tank provided at the outfall is of sufficient size for dealing with the sewage produced in the city for the next eight or ten years after which it may have to be enlarged.

The collecting sewer is also of sufficient size. Considering that the water supply is not going to be more than 15 gallons per head for a long time to come, the sizes of the pipes and tributary sewers provided are adequate and ample.

Sewage from District No.1 will for the present be kept separate. But even that may be pumped into the general collecting sewer later on so that there may be one outfall eventually for the entire sewage produced in city.

The scheme does not provide for subsoil drains nor for all the storm water drains needed within the city.

3. The Executive Engineer, Mr. D'Cruz, submits proposals for works to be carried out within the next five years on the assumption that a Government grant of Rs 3 lakhs including land compensation will be available for them annually. It goes without saying that, if more money can be had, so much sooner will the works be completed. The same consideration of funds has necessitated a reduction of the area to be provided within a complete system of sewers.

Programme submitted by the Executive Engineer.

As will be seen from the accompanying statement, the combined system of drains already completed in certain important areas of the city (viz., Districts I, II, III (1), V, Ittigegud and Nazarabad) will be retained for use as long as possible. The provision made for additional pipe sewers in these areas is therefore very limited.

4. In accordance with clause (II) of paragraph 43 of the printed Note, the City Improvement Trust Board have to prepare

Points to be settled by the Trust Board.

2.10

7

and submit a comprehensive programme. The works to be carried out are indicated in the statement hereto attached and I believe Government will await the recommendations of the Trust Board on the following points before sanctioning the scheme:-

(1) Whether the Board approve of the drainage works now proposed as per accompanying statement and also the programme of the works selected for execution within the next five years,

(2) The extent of the work in connection with the demolition of insanitary areas and houses still contemplated by them, say, within the next ten years, and whether the provision of 4 lakhs, made by Mr.D'Cruz for expenditure on such work within the next five years, is accepted by the Board

(3) The steps which the Trust Board and the Municipality propose taking in the matter of closing pit privies and arranging for the construction of water-tight sinks and drains in the case of houses which require house connection,

(4) provision they are prepared to make for the efficient up-keep of the sewerage system when it comes into operations,

(5) Whether it is proposed to pass the nightsoil into the sewers or to manufacture it into poudrette, and

(6) Whether the Municipality will manage the sewerage farm themselves or encourage a system of leases for the sale of sewage.

The submission of proposals in a definite form by the Trust Board and the Municipality will facilitate the issue of final orders on these proposals.

6. **Increase of water supply.** The water supply which at present amounts to about 10 gallons per head for the residential population has to be increased to 15. The responsibility in this respect rests with Government. The works necessary for the purpose are under consideration in this Department, and a scheme will be shortly submitted to Government for their sanction.

The following matters will require the attention of the City Improvement Trust Board during execution of the works:-

(1) The Executive Engineer's scheme provides for 15,707 house connections in the final estimate. Only substantial houses need be given connections, and at the rate of not more than one connection free to each. There are many mud huts in large areas of the city which do not consume enough water to produce any liquid wastes. Judging from the experience of other cities, half the number of connections proposed should be quite ample for the next ten years. It is doubtful if even so many will be needed. The provision made in the partial estimate for this purpose is Rs 1,49,000. Quite Rs 1,00,000 can be saved in the quinquennial programme by reducing the number of connections.

(2) The gradients of the sewers require alteration in a few places.

The manholes may be built of brick in cement. In places they

2-3 10

should be farther apart than designed. Iron or steel ventilating pipes may be used in place of armoured concrete.

(3) The design for the septic tank requires modification. Before putting the work in hand, a revised design should be prepared and sanction obtained.

(4) Estimates for surface and subsoil drains should be completed and separately submitted for sanction. The cost of subsoil drainage might probably be met from the savings under house connection indicated in clause (1) above.

6. The detailed project has been prepared with great care and diligence by Mr.D'Cruz under the supervision of this office. As stated in the printed Note, the scheme is prepared on lines most approved in other Indian cities. In para 22 of the printed Note, it was remarked that, if any one had doubts as to the efficient working of pipe sewers in a crowded city, he should go to Ahmedabad or Karachi to see them actually in operation. Col.Smyth, our late Sanitary Commissioner, accordingly

visited Ahmedabad and he has also been to Poona where a drainage scheme on the same lines prepared by me in 1906 is being carried out.

Based as it is on the lines of existing up-to-da te schemes and on designs approved by other progressive cities, the project may be accepted within the full confidence that it will successfully solve the problem of sewage disposal in the Mysore City.

(Sd) M.Visvesvaraya,
M.I.C.E.,
Chief Engineer of Mysore.

Bangalore,
26th June 1911.

"True Copy"

For Chief Engineer of Mysore

G.R.S 26]

File No. [illegible]
Serial No. 614

Diary No of letter replied to 6717

No 2839
ml136-11-2
20 10 11

General and Revenue Secretariat
(ML:)
, *the* 11. 10. 19

Date of issue 20 10 11

Signed by for KMR

To

The Chairman,
Mysore City Improvement Trust Board.

I am directed to invite your attention to the Chief Engineer's letter No. 3799 dated the 21st September 1911 to your address about the Drainage Project for the Mysore City and to request that definite proposals in the matter may be submitted to

over

SUBJECT

Court for orders if [illegible] as early as practicable, this matter being very urgent

I have to

Ill

I've been

Q(M) —

List of enclosures,

Copied by

Examined by

JH 19/10

GPD—80,000—28-9-10

No-166
14 11 11
R. as per Govt. endorsed

Mysore City Improvement Trust Board,
Chairman's Office,
Dated, Mysore, 13th November 1911.

Diary No. 2601

1911-12/-
SECTION XL
File No. 136-11
Serial No. 9

From,

W.Kantharaj Urs, Esq., B.A.,
Chairman of the Board of Trustees
for the Improvement of the City of Mysore.

To,

C.S.Balasundaram Iyer, Esq., B.A.,
Secretary to the Government of His Highness
the Maharaja of Mysore, Gen. & Rev. Depts.

Sir,

R With reference to Government Proceedings No.9902-6/M1.40-8-09-1 dated the 3rd May 1910, calling for the submission of a comprehensive programme of works to be carried out in the future in connection with the improvement of the City of Mysore, on the lines suggested by the Chief Engineer in para 48(11) of his Note of the 27th April 1910, I have the honour to state as below:-

9 1. The Committee appointed under Government Order No.4168-79/L.F.36-02 dated the 18th September 1902 to determine the improvements that were necessary in the City of Mysore, recommended after a full and careful consideration that apart from affording a proper drainage, certain

15

certain parts of the City which form its slums should be improved by knocking down insanitary buildings and the densely crowded areas opened up. The City of Mysore Improvement Regulation too enjoins that every improvement scheme drawn up under Sec.14 thereof, shall provide for the acquisition of land that will be necessary for, or affected by, the scheme, so that in the preparation of a comprehensive programme, the anticipated expenditure on compensation for land to be acquired should conjointly go into consideration with the estimated outlay on the proposed construction works, and not the latter alone. Having this fact in view, the annexed programme of works called for by Government has been got up with needful details.

2. The estimates of the several improvement schemes sanctioned by Government from time to time from the formation of the Trust Board up to the end of the year 1910-11, amounted to Rs.27,02,634/- as detailed in statement No.I appended. Out of the above estimated amount, Rs.16,29,530/- was for acquisition and demolition of properties, and Rs.10,73,131/- for drainage and other works. Against the said sanctioned estimates, the expenditure actually incurred up to the end of the last official year was

was Rs.13,16,334/- under the former head and Rs.9,07,800/- under the latter, or in all Rs.22,24,134/- leaving a net balance of Rs.4,73,500/- for future expenditure..

8. The amount required for the Board's operations in the current and ensuing years to completely execute all the contemplated projects for the improvement of the City, is estimated at Rs.23,67,590/-

(1) For further acquisition in the areas already operated upon	Rs.	2,86,881.
(2) For acquisition in the areas not yet taken up	"	2,45,052.
(3) For a complete system of underground sewers for the whole City	"	14,69,156.
(4) For storm water surface drains and other works in improved areas	"	58,199.
(5) For improving the Devaraj Market in Mysore	"	41,160.
(6) Establishment charges	"	2,28,142.
(7) Tools and Plant	"	4,000.
(8) House-Building Loans	"	40,000.
Total	Rs.	23,67,590.

Deducting the grant of Rs.2,99,342/- sanctioned for expenditure during the current official year out of the above amount, a net sum of Rs.20,68,248/- will be required

required for the Board's future operations in accordance with the aforesaid programme.

4. Regarding the provision of Rs.2,86,881/- for the further acquisition of properties in the areas under the operation of the Board, I have to state that the said amount is proposed to be met from the net balance of Rs.3,18,196/- remaining unspent out of the estimates sanctioned by Government from time to time for the purpose, Rs.1,03,276/- being appropriated for acquiring properties that remain out of the declared ones in the Fort and Rs.1,48,925/- for removing a large number of insanitary houses in the Devaraj Mohalla, No.III Drainage Area, Part ii

5. The number of properties that had been originally proposed by the Improvement Committee for acquisition in this area (No.III Drainage Area, Part ii) was 276. In October 1907, the Trustees of the Board inspected the locality and arrived at the conclusion that 739 additional properties should be acquired on sanitary grounds, inasmuch as, they afforded neither privy accommodation nor any open space. A copy of ~~this~~ their resolution dated the 25th September 1907 on the subject, is enclosed herein for ready reference. Out of 1,017 properties in all, the acquisition of which was sanctioned in Government Order No.5950-3/[illegible].

19

No.5950-S/M1.229-07-2 dated the 20th December 1907, only 226 properties were acquired upto the end of the year 1910-1911. The remaining 791 properties are mostly of insanitary type, and not more than a third of them are susceptible of being improved, even if the remedy of better ventilation and drainage is procured for them. As such, the demolition of at least two-thirds of the said 791 properties may become necessary, and provision for the same is made in the programme under reference. A sum of Rs.34,680/- is also provided therein for the acquisition of the remaining properties in other areas out of those notified.

6. A major portion of the 4th Drainage Area (lying roughly between the northern ridge running from the Public Offices to the Jaganmohan Palace and the ridge on the south running from the Jubilee Hall south-westerly to the Chatnahally Extension) has not yet been handled by the Board in respect of the removal of houses marked therein for improvement purposes. The operations in this area have been confined till now only to a few blocks in Krishnaraj Mohalla comprised therein. The estimated cost of compensation for all the properties proposed for acquisition by the Improvement Committee in the area, together

together with the cost of dismantling them is Rs.[illegible],46,014/-. Excluding therefrom the grant of Rs.82,710/- already sanctioned by Government, and spent on account of properties in certain blocks of Krishnaraj Mohalla, and also the sum of Rs.18,252/- expended on acquiring certain stray properties under the previous sanction of Government, the net estimated amount for the remaining properties proposed in this area, comes to Rs.2,45,052/-. I am of opinion that no reduction in the above estimate can be effected in the interests of sanitation and consequently the same is provided in the programme.

7. The Executive Engineer of the Board prepared a complete drainage scheme for the Mysore City on the lines indicated in the Chief Engineer's Note of April 1910 in supersession of the combined scheme of surface drains and underground sewers which was in vogue. The estimated cost of this scheme is Rs.14,69,156/-. The plans and estimates in detail for the several portions of the said consolidated project as per margin are submitted with the general report

1. Plans and estimates for the outfall sewer and works. of the
2. do for the sewerage of No.I Drainage Area. Executive
3. do No.II Drainage Area. Engineer's
4. do No.III do Part I. dated

10

5.	Plans and estimates for the sewerage of No.III Drainage Area, Part II.	d a t e d
6.	---do--- No.IV Drainage Area.	the 21st
7.	---do--- No.V ---do---	February
8.	---do--- Wazerbad Drainage Area.	1911, and
9.	---do--- Ittigegud ---do---	a copy --
10.	---do--- Fort ------ do---	of the --
11.	---do--- Linking outfall of No.I Drainage Area.	resolu-
12.	---do--- Linking outfall of No.V Drainage Area.	-tion ---

dated the 29th March 1911, of the Trust Board thereon.

8. These estimates were subjected to the scrutiny of the Chief Engineer and the same have been recommended by him for acceptance. A copy of the Chief Engineer's -- Memorandum dated the 26th June 1911, dealing with certain matters in connection with the above project, is also --- enclosed, together with a copy of the resolution No.IV --- dated the 11th September 1911, of the Central Sanitary --- Board approving the project in question generally. It may be observed in this connection that the above estimates -- have not been finally passed. They are subject to revision in the light of the Chief Engineer's remarks in para 5 of his Memorandum mentioned above. They serve our purpose -- none the less, as they have been designed for a comprehen- -sive scheme.

9. From the above Memorandum of the Chief Engineer, it will be seen that the immediate substitution of the new drainage system for the whole City is intended to be effected with the least disturbance of the existing conditions. The combined system of drains already completed in the City, will be retained for use as long as possible, so that out of Rs.8,99,794/- estimated for laying underground pipe sewers complete in every detail, in the

No.I Drainage Area.	marginally noted
No.II Drainage Area.	improved areas,
No.III Drainage Area, Part I.	only Rs.2,83,090/-
No.V Drainage Area.	is provided for
Ittêgeaud Drainage Area.	expenditure under
Wazerbad Drainage Area.	
Fort Drainage Area.	

this head during the five years commencing from 1911-1912. The new drainage system is proposed to be introduced early in the unimproved areas, taking No.III Drainage Area, Part II, to begin with. A sum of Rs.1,25,000/- i.e., the full amount of the estimate, has been provided for the purpose in the current year's sanctioned budget.

10. The Chief Engineer observes in the same Memorandum that " the scheme does not provide for subsoil drains nor for all the storm water drains needed within the City ". A sum of Rs.58,199/- is provided, however, for

for expenditure under this head pending the preparation and submission by the Executive Engineer, Trust Board, of the required plans and estimates for approval.

11. A provision of Rs.41,160/- is made for improving the Devaraj Market. Plans and estimates for the same have been submitted for the Chief Engineer's scrutiny.

12. The programme provided also a sum of Rs.2,67,142/- for establishment charges, cost of tools and plant and house-building advances, calculated on the percentage of average expenditure for the last seven years.

13. After the above comprehensive programme of works involving a total expenditure of Rs.23,67,530/- is approved and the orders of Government are received, each project in the order of its importance and urgency, will be submitted for the final sanction of Government.

14. With reference to para 4 of the Chief Engineer's Memorandum, I have the honour to enclose the recommendations of the Trust Board made in their meeting held on the 31st July 1911, on the points therein referred to. They approve of the drainage projects recommended by the Chief Engineer with full confidence of their success and also the works selected for execution within the next five

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five years, the same being incorporated in the programme appended hereto. The Board has yet to acquire properties estimated at Rs.5,31,933/- both in the improved and unimproved areas of the City, and the provision of Rs. Rs.4,00,000/- for expenditure on this work within the next five years, may suffice. In the matter of constructing water-tight sinks and drains for houses requiring house-connections, the up-keep of the sewerage system and the disposal of sewage, a copy of the proceedings of the City Municipal Council dated the 12th August 1911, is submitted for the information and orders of Government.

15. It may be stated in this connection that against a total expenditure of Rs.25,22,837/- incurred by the Trust Board on account of its operations during the last seven and a half years ending with June 1911, a sum of Rs.2,69,120/- was realised from the sale of Trust land, materials, etc. With an estimated expenditure of an additional sum of about Rs.24,00,000/- in the future, a realization of another 2½ lakhs of rupees may be expected.

I have the honour to be,
Sir,
Your most obedient servant,

Chairman.

Statement shewing the amount of estimate
Government up to the end of the year 1910-11

Item No	Name of project	Estimated cost	Expenditure up to the end of 1910-11	Remarks
1	Construction of experimental houses in Jalapuri			
2	Construction of experimental houses in Doga Extension			
3	Sanitary improvements of Jalapuri Drainage area			
4	Sanitary improvements of Doga Drainage area			
5	Sanitary improvements of No. I Drainage area			
6	Sanitary improvements of Attigeppe Drainage area			
7	Sanitary improvements of Nazarbad Drainage area			
8	Sanitary improvements of No. II Drainage area			
9	Formation of a new Dodda Holagri to the South of the Weavers' lines			
10	Acquisition of the present Dodda Holagere for the Construction of Quarters for Palace Servants			
11	Filling in the Northern arm of Doddere and running a road across it from Attigeppe			
12	New Doga Extension to the North of the Mysore City			
13	Purchase of Stoneware pipes from Messrs Doulton & Co and laying them			
14	Supplying water to the Doga Extension from the Sewage Reservoir			
15	Sanitary improvements of No. III Drainage area			
16	Acquisition of properties lying outside the area comprised within the sanctioned Schemes			
17	Drainage and other works of the Weavers' lines			
18	Drainage and other works in Blocks 92 and 93 (a portion of No. V Drainage area)			
19	Supplying water to the New Dodda-Holagri			

... Board

of each Improvement Scheme Sanctioned by

Number and date of Government order Sanctioning project	Amount Sanctioned
6-7-L.F 106-3, dated 11th March 1904	9,139
6-7 L.F 106-3, dated 11th March 1904	15,691
1-22 L.F 106-3, dated 24th June 1904	17,694
8-19. L.F 106-3, dated 24th April 1904	13,441
58-60 M.L 208-06-4, dated 21st February 1907, and 5573 M.L 146-08-2, dated 10th December 08	1,39,029
0-11-L.F 106-03 dated 17th June 1904, and 6835-8-M.L 58-2 dated 23rd January 1909	65,836
64-6 M.L 207-06-4 dated 6th March 1907 and 5590-2 147-08-2 dated 10th December 1908	1,03,953
72 = 3/-118-04-5 dated 6th February 1905	5,43,319
738-9 = L.F 106-3 dated 8th June 1904	49,271
46-7-L.F 36-02, dated 5th September 1902 and 2093-4-M.L 06-2 dated 6th September 1906	1,36,793
974-6/192-04-4 dated 31st March 1905 and 11111-12-M.L 1-15-4 dated 27th April 1909	42,622
357-61-M.L 112-05-5 dated 16th January 06	54,490
355-7-M.L 36-04-10 dated 10th April 1905	1,17,282
67-9-M.L 16-05-2 dated 3rd August 1905	12,000
91-3/187-06-3, dated 19th February 1907	1,89,000
under Special orders in individual cases.	35,539
36-8 M.L 412-04, dated 15th April 1905	6,000
12-14-M.L 83-06-2 dated 11th September 1906	6,132
46-7-168-4 dated 24th November 1904	8,572

20 Constructing a Covered Service tank in No. V Drainage area

21 Acquisition and demolition of insanitary houses in a portion of Krishnaraja Mohalla

22 Counterpoising Punniah's Walla in Mysore

23 Supplying water to Jalapuri Extension

24 Laying pipe line to Soga Extension

25 Cutting and forming roads and Conservancy lanes in the Chamnahally Extension

26 Sanitary improvements of remaining blocks of No. III Drainage Area No. IV

27 Laying Cast-iron pipes to Supply water to Chamnahally Extension

28 Improvements in the Fort of Mysore

29 Arching over Col. Pinchard's Drain in the Mysore City and filling it to the ground level

30 Constructing drainage works in Lakshmipuram Extension

31 Constructing a cross road from tank bund to Siddiboja (Sanctioned by the Board in its meeting dated 28th April 1909)

32 Drainage and other works of the remaining blocks of No. III drainage area

33 Water Supply to the Lakshmipuram Extension

34 Laying Stone ware pipes to connect the Chamundi Vihar Sewer with the Nazarbad main

35 Increasing the size of the Stripped main to receive the Sewerage from the new Sewers from the Zoo Garden and the Palace Stables

36 Duplicating the tunnel across the Statue Square

Office of the Chairman
City Improvement Trust Board, Mysore
Dated 11/13th November 1911

2 - ML 320-06-4 dated 7th February 1907	5,750
6 - ML 212-06 dated 8th February 1907	82,710
6-39-ML 361-06-04 dated 26th February 1907	7,470
6-46-301-2, dated 23rd January 1905	1,483
4-6-ML 393-04-2 dated 21st February 1905	750
6-8-ML 434-06-2 dated 2nd April 1907	8,709
50-3-ML 229-07-2 dated 20th December 1907	2,79,585
96-8 ML 344-07-2 dated 29th January 1908	7,251
2-46-ML 65-08-5, dated 20th November 1908	6,12,620
2-5 ML 145-08-4 dated 12th February 1909	6,990
7-11-ML 57-08-4 dated 12th February 1909	17,135
" "	1,660
87-70/ML 265-09 dated 6th January 1910	82,800
29-52/ML 78-09 dated 30th March 1910	8,407
0597-7/ML 284-10 dated 27th June 1911	6,155
7756-8/ML 84-10-2 dated 21st March 1911	2,429
	4,927.
Total	27,02,634

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Mr G Krishnamachari

Chairman

MYSORE CITY IMPROVEMENT TRUST BOARD

PROCEEDINGS OF AN ORDINARY MEETING OF THE BOARD OF TRUSTEES FOR THE IMPROVEMENTS OF THE CITY OF MYSORE, HELD AT THE CHAIRMAN'S OFFICE ON WEDNESDAY THE 25TH SEPTEMBER 1907 AT 8 A.M

Exc & mel 136-11 8/3

PRESENT

Mr D Sitarama Rao, Chairman.

TRUSTEES.

Present	*Absent.*
1 Mr E Maconochie, I.C S	
2. Dr E S Krishnaswami Aiyar, Civil Surgeon	
3 Mr G Hanumantha Rao, Vice-President.	Mr M. Anantharajaiya.
4. „ M C. Ranga Iyengar	
5. „ Mahomed Jaffer Sahib	
6 „ M Venkatakrishnaiya.	

Subjects	*Resolutions.*
I. Administration Report of the Mysore City Improvement Trust Board for 1906-07	The Administration Report is approved
II Government Proceedings No. 1994-6—Ml 39-06-8 of the 29th August 1907, passing orders in re the grant of land to the Convent of the Good Shepherd at Mysore.	Recorded
III Revenue and General Secretary's docket No 1746—Ml 136-07-2 of the 24th August 1907, forwarding for disposal and report, if necessary, a petition, Registered No. 199—D 1069 to His Highness the Maharaja, purporting to be from residents of the Fort, complaining against its insanitary condition, and praying for the construction of an efficient drainage system in the Fort	*Resolved* that, as the petition is apparently pseudonymous, the matters referred to therein will be dealt with when the scheme for the sanitary improvements of Fort is taken up by the Trust Board in the ordinary course. In the meantime, the petition may be forwarded to the President, Municipal Council, for any immediate action that may be required
IV Consideration of the revised estimate for clearing the remaining blocks Nos. 48, 49, 50, 44, 47, 46, 45, 58, 57, 56 and 54 of No III Drainage area, as per recent proposals of the Committee In this connection, the communications noted below to be perused — (a) Mysore City Municipal President's memo dated 15th July 1907, regarding the removal of insanitary buildings in Bellikattige Megal Missal, and those to the north of Anathalaya, and to the rear of Dewan's Agrahar (b) Mysore City Health Officer's letter No 207 of the 29th August 1907, requesting that kotwal Ramanna's street may be brought under the immediate operations of the Trust.	The Board have carefully revised the original proposals on the ground, and consider that the enlarged scheme is absolutely necessary in the interests of the health of the town Only Rs. 20,000 are available during the current year, but, in order that this may be utilised, the statement for the acquisition of the properties may be submitted to Government for sanction, pending preparation of the complete estimate

D SITARAMA RAO,
Chairman

MYSORE CITY IMPROVEMENT TRUST BOARD.

PROCEEDINGS OF AN ORDINARY MEETING OF THE BOARD OF TRUSTEES FOR THE IMPROVEMENT OF THE CITY OF MYSORE, HELD AT THE CHAIRMAN'S OFFICE, ON WEDNESDAY THE 29TH MARCH 1911

ABSENT

M Kantaraj Urs, Esq, B.A., Chairman.

PRESENT

1 Mr R H Campbell, I.C.S.
2 Mr P Palpu, D.P.H., Deputy Sanitary Commissioner
3 „ M G Krishnaswami Rao, B.A., Vice-President.
4 „ V L. Manker, D.P.H., Health Officer
5 „ M C Rangaiengar, B.A
6 „ Mahomed Jaffer Sahib
7 „ M Venkatakrishnaiya.
8 „ M Anantharajaiya.

Mr R H Campbell, I.C.S., was voted to the Chair

Subject.	*Resolution.*
I Letter No. 488, dated the 9th January 1911, from the Executive Engineer, City Improvement Division, Mysore, submitting for approval draft forms of tenders for the supply of stoneware pipes and specials in connection with the Mysore City Sewerage Scheme	The form is approved
II Application dated the 2nd March 1911, from Mr Govindarajulu Naidu, retired Chief Sanitary Inspector, praying for a loan of Rs 500 for completing his house No 1090 in Chamaraj Mohalla.	The Vice-President will be requested to enquire and report whether the loan should be granted
III Acquisition of the vacant bit of land belonging to Fazuludin Khan, in block No 6 of No. II Drainage Area.	The acquisition is sanctioned
IV Acquisition of a portion of a house No. 2255 in Block No 2 of No II Drainage Area.	The acquisition is sanctioned
V Application dated the 20th February 1911, from L Nanjamma *alias* Kalamma, requesting for a loan of Rs 300 for completing her house in Krishnaraj Mohalla.	Reserved for inspection by the members.
VI Mr N Srikantiah's offer to purchase, with conditions that might be imposed on him by the Trust Board, for Rs. 200 the four vacant bits of land belonging to the Trust Board, on either side of the newly opened road leading to the Lakshmi Vilas Agrahar Road	The application will be rejected The Vice-President will be requested to suggest in consultation with the four owners, some alternative way of dealing with all four plots of land
VII Acquisition of vacant land known as Mohadeen Sab's Karkhana in Block No. 57 of No III Drainage Area.	Reserved for inspection by the members.
VIII Government Proceedings No. 7572-4—Ml. 89-08-6, dated the 15th March 1911, sanctioning the supplemental scheme for the further improvement of No. II Drainage Area.	Recorded
IX Letter No 540, dated the 21st February 1911, from the Executive Engineer, City Improvement Division, Mysore, submitting a consolidated report on the sewerage scheme for the whole City of Mysore.	The report will be forwarded to the Chief Engineer for favor of remarks. The Board thinks that the figures of probable realizations under "daily conservancy" require very careful verification, *e.g.*, under poudrette sales it is most improbable that such a large sum as 24,000 will be realized yearly The number of houses which will pay scavenging cess at an average rate of four annas a month also needs careful scrutiny
X Letter No. 2130, dated the 15th March 1911, from the Chief Engineer of Mysore, stating that arrangements may be made to put certain works in hand in anticipation of Government sanction	Recorded The Board understands that it is impossible to complete these works for the reasons given by the Executive Engineer in his letter dated 28th March 1911

R H CAMPBELL,
President

Encl to ml 1280-11
Mysore Drainage 30

M E M O R A N D U M

Preliminary

In their Proceedings No.990-2-6/M1.408-09-1 dated the 3rd May 1910, Government directed that a complete drainage scheme be prepared for the Mysore City, on the lines indicated in a printed Note by the Chief Engineer dated the 27th April. They also requested the City Improvement Trust Board to submit a programme for the execution of the scheme and other allied works in the order of their urgency and importance.

A complete scheme for the drainage of the City is now ready.

What the scheme provides for and what it does not.

2. The project provides for a system of underground sewers with house connections adapted to Indian conditions. It supersedes the combined scheme of surface drains and underground sewers which was being carried out till last year.

The immediate transition will be effected with the least disturbance of existing conditions. The future development of the scheme must depend on the prosperity and growth of the City.

The septic tank provided at the outfall is of sufficient size for dealing with the sewage produced in the city for the next eight or ten years after which it may have to be enlarged.

The collecting sewer is also of sufficient size. Considering that the water supply is not going to be more than 15 gallons per head for a long time to come, the sizes of the pipes and tributary sewers provided are adequate and ample.

Sewage from District No.I will for the present be kept separate. But even that may be pumped into the general collecting sewer later on so that there may be one outfall eventually for the entire sewage produced in city.

The scheme does not provide for subsoil drains nor for <u>all</u> the storm water drains needed within the city.

3-2

3. The Executive Engineer, Mr. D'Cruz, submits proposals for works to be carried out within the next five years on the assumption that a Government grant of Rs 3 lakhs including land compensation will be available for them annually. It goes without saying that, if more money can be had, so much sooner will the works be completed. The same consideration of funds has necessitated a reduction of the area to be provided with a complete system of sewers.

Programme submitted by the Executive Engineer.

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As will be seen from the accompanying statement, the combined system of drains already completed in certain important areas of the city (viz., Districts I, II, III (1), V, Ittigegud and Nazarabad) will be retained for use as long as possible. The provision made for additional pipe sewers in these areas is therefore very limited.

4. In accordance with clause (II) of paragraph 43 of the printed Note, the City Improvement Trust Board have to prepare

Points to be settled by the Trust Board.

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(4) Provision they are prepared to make for the efficient up-keep of the sewerage system when it comes into operation.

(5) Whether it is proposed to pass the nightsoil into the sewers or to manufacture it into poudrette; and

(6) Whether the Municipality will manage the sewage farm themselves or encourage a system of leases for the sale of sewage.

The submission of proposals in a definite form by the Trust Board and the Municipality will facilitate the issue of final orders on these proposals.

Increase of water supply.

5. The water supply which at present amounts to about 10 gallons per head for the residential population has to be increased to 15. The responsibility in this respect rests with Government. The works necessary for the purpose are under consideration in this Department, and a scheme will be shortly submitted to Government for their sanction.

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The following matters will require the attention of the City Improvement Trust Board during execution of the works:-

(1) The Executive Engineer's scheme provides for 15,707 house connections in the final estimate. Only substantial houses need be given connections, and at the rate of not more than one connection free to each. There are many mud huts in large areas of the city which do not consume enough water to produce any liquid wastes. Judging from the experience of other cities, half the number of connections proposed should be quite ample for the next ten years. It is doubtful if even so many will be needed. The provision made in the partial estimate for this purpose is Rs 1,49,000. Quite Rs 1,00,000 can be saved in the quinquennial programme by reducing the number of connections.

(2) The gradients of the sewers require alteration in a few places.

The

The manholes may be built of brick in cement. In places they should be farther apart than designed. Iron or steel ventilating pipes may be used in place of armoured concrete.

(3) The design for the septic tank requires modification. Before putting the work in hand, a revised design should be prepared and sanction obtained.

(4) Estimates for surface and subsoil drains should be completed and separately submitted for sanction. The cost of subsoil drainage might probably be met from the savings under house connection indicated in clause (I) above.

6. The detailed project has been prepared with great care and diligence by Mr.D'Cruz under the supervision of this office. As stated in the printed Note, the scheme is prepared on lines most approved in other Indian cities. In para 22 of the printed Note, it was remarked that, if any one had doubts

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as to the efficient working of pipe sewers in a crowded city, he should go to Ahmedabad or Karachi to see them actually in operation. Col. Smyth, our late Sanitary Commissioner, accordingly visited Ahmedabad and he has also been to Poona where a drainage scheme on the same lines prepared by me in 1906 is being carried out.

Based as it is on the lines of existing up-to-date schemes and on designs approved by other progressive cities, the project may be accepted with the full confidence that it will successfully solve the problem of sewage disposal in the Mysore City.

M.I.C.E.,
Chief Engineer of Mysore.

Bangalore,
26th June 1911.

Proceedings of the Central Sanitary Board for Mysore.

Read :-

Note by the Chief Engineer in Mysore dated the 27th April 1910 on the drainage of the City of Mysore, -- giving a retrospect of the progress in Sanitary measures in the City and outlining the points that require consider--ation with a view to practical action in the immediate -- future, so that any waork that may be carried out hereafter may be in accordance with a comprehensive plan made out --- after the most succesful examples in other parts of India and with due regard to public health, economy and efficiency.

2. Notes of inspection of the drainage system at ----- Ahmedabad by Lt-Col. John Smyth M.D., I.M.S., Sanitary --- Commissioner with the Government of Mysore, giving parti--culars as to the present working of the system in Ahmedabad and stating that on the whole the pipe system is one which can very well be introduced in Mysore, care being taken to avoid the failings it presents in Ahmedabad.

3. Letter No.5657 dated the 26th June 1911 from the --- Chief Engineer in Mysore forwarding a consolidated drainage project for the City of Mysore, prepared by the Executive Engineer of the City Improvements Division, on the lines -- laid down in the Chief Engineer's note of April 1910.

Resolution No.4

Bangalore dated the 11th September 1911.

The project provides for a system of underground sewers with house connections adapted to Indian conditions superseding the combined scheme of surface drains and ---- underground sewers which was being carried out till recently. No provision is made in the scheme for sub-soil drains nor for <u>all</u> the storm water drains needed within City. The ---

The estimated cost of the completed system is Rs.18,41,099/- out of which Rs.9,34,342 is proposed to be spent within the next five years. The work to be executed during this period are (1) the laying of sewers along main roads and thoroughfares in Nos.I, II and Part I of No.III Drainage Areas, in Waserbad and in Ittigegud, (2) complete drainage as per scheme in part II of No.III and in No.IV Drainage Areas; (3) improvements to the existing sewers in the Fort; (4) extension of outfall sewer, (5) linking up outfalls and (6) provision of storm water drains. The amount is exclusive of compensation for houses and land and establishment charges, which are estimated at Rs.5,25,574 for the five years.

The Board are agreed that the project is sound and resolve that it be approved generally.

(Sd) P.S.Achyuta Rao,
Offg. President
Central Sanitary Board.

"COPY"

For Chairman.

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MYSORE CITY IMPROVEMENT TRUST BOARD.

PROCEEDINGS OF AN ORDINARY MEETING OF THE BOARD OF TRUSTEES FOR THE IMPROVEMENT OF THE CITY OF MYSORE, HELD AT THE CHAIRMAN'S OFFICE ON MONDAY, THE 31ST JULY 1911

PRESENT

M Kantaraj Urs, Esq., B.A., Chairman.

TRUSTEES.

1 Mr R H. Campbell, I.C S.
2 „ M. G Krishnasami Rao, B.A., Vice-President.
3. „ M C. Rangasengar, B.A.
4. „ Mahomed Jaffer Sahib
5. „ M Venkatakrishnaiya
6. „ M Anantharajaiya.

ABSENT

1 „ V L. Manker, D P.H., etc., Health Officer
2. The Deputy Sanitary Commissioner

Subject	*Resolution.*
Disposal of certain unserviceable articles classified by the Executive Engineer of the Board under (1) Tools and plant, (2) No. II Drainage area materials, (3) Surplus and (4) Stock.	*Resolved* that the recommendation of the Executive Engineer be accepted
II Acquisition of vacant land to the east of Pensioned Sepoy Balaram Singh's house No. 2919, near Bara Imam Makhan, Lashkar Mohalla	*Resolved* that as the acquisition of this vacant land serves no public purpose, it is not necessary to acquire the same.
III Report No 676, dated the 29th June 1911, from the Executive Engineer, City Improvement Division, Mysore, proposing a revised scale of Lower Subordinate Establishment for "Works."	*Resolved* that the proposal of the Executive Engineer be submitted to Government for sanction.
IV Report No. 673, dated the 27th June 1911, from the same officer bringing to notice the undesirability of taking at present more water in the diversion drain laid for storm water behind Kathwadipur Agrahar till it is made pucka.	*Resolved* that, in the opinion of the Board, the work referred to is a really urgent one and as such the Board strongly recommends that the work be sanctioned by Government. Funds will be found by re-appropriation later on
V Acquisition of the vacant land measuring 18'×48' to the east of Andapuram Krishna Iyengar's house in Krishnaraj Mohalla.	*Resolved* that the land in question be acquired and reserved for the present.
VI Petition from Tailor S. Rama Rao, Chamal Muti Street, Lashkar Mohalla, praying his house No 1823 may not be acquired.	*Resolved* that the property in question need not be acquired provided that the owner improves the same as per instructions to be given to him by the Health Officer to make it sanitary
VII Acquisition of a bit of land measuring $\frac{7+12\frac{1}{2}}{2}\times 39$ in the Railway Station road, Lashkar Mohalla.	*Resolved* that there will be no necessity for the acquisition of this bit of land if the Jahgirdar will enclose the bit referred to by means of a wall and keep it sanitary
VIII Acquisition of houses belonging to Akkamma and Subbaiya in Block No. 3 of No II Drainage Area, both being ill-ventilated and otherwise insanitary	*Resolved* that the two houses in question be acquired for reasons given
IX Consideration of the Chief Engineer's memorandum forwarded with his letter No. 5858, dated the 26th June 1911, regarding the drainage project of the City	
(1) Whether the Board approve of the drainage works now proposed as per accompanying statement and also the programme of the works selected for execution within the next five years.	Yes

S-3 W2

MYSORE CITY IMPROVEMENT TRUST BOARD.

Govt Gml 186-11/83

Comprehensive programme of works to be executed by the City Improvement Trust Board, Mysore, during the octennium ending -- 1918-1919, formulated on the assumption that a Government grant of three lakhs will be available for them annually.

1911-1912.

Acquisition.

For properties in the Fort, Lashkar, Mandi and Devaraj Mohallas	Rs.	75,000.	
For properties in Krishnaraj Mohalla, Part II of No.IV Drainage Area	"	13,000.	Rs. 88,000.

Construction.

For pipe sewers in No.III Drainage Area, Part II, Devaraj Mohalla, to complete the estimate	"	1,25,000.	
For outfall sewer	"	15,000.	
For Storm water drains	"	5,600.	
For the improvement of the Devaraj Market	"	35,000.	" 1,78,600.
House-Building Advances			" 5,000.
Tools and Plant			" 500.
Establishment Charges			" 27,242.
		Total	Rs.2,99,342.

N.B. If no necessity arises for utilising the sum of Rs.35,000/- provided for the improvement of the Devaraj Market, the same will be appropriated for modifying and extending the outfall sewer of the City.

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1912-1913.

Acquisition.

For properties in the Fort and Devaraj Mohallas	Rs.	56,350.	
For properties in Krishna-raj Mohalla, No.IV Drainage Area, Part II	"	40,000.	Rs. 96,350.

Construction.

For pipe sewers in No.IV Drainage Area	"	86,540.	
For outfall sewer	"	77,550.	
For the improvement of the Devaraj Market	"	6,160.	" 1,70,250.
House-Building Advance			" 5,000.
Tools and Plant			" 500.
Establishment Charges			" 27,900.
		Total	Rs.3,00,000.

1913-1914.

Acquisition.

For properties in Devaraj and other Mohallas	Rs.	30,000.	
For properties in Krishna-raj Mohalla, Part II, No.IV Drainage Area and remaining part of No.IV Drainage Area	"	42,000.	Rs. 72,000.

Construction.

For modifying the existing sewers in Fort	"	15,810.	
For pipe sewers in No.IV Drainage Area	"	1,51,840.	
For storm water drains	"	26,850.	" 1,94,500.

Brought forward		Rs. 1,64,500.
House-Building Advance	,,,	5,000.
Tools and Plant	,,,,,	500.
Establishment Charges	,,,	28, 000.
Total		Rs.3,00,000.

1914-1915.

Acquisition.

For properties in Devaraj and other mohallas	Rs. 30,000.	
For properties in the remaining part of No.IV Drainage Area	,, 42,000.	Rs. 72,000.

Construction.

For laying sewers along the main roads and thoroughfares in No.I Drainage Area, Part I	,,,	86,550.
For pipe sewers in No.IV Drainage Area	,,,1,07,950.	,,1,94,500.
House-Building Advance	,,	5,000.
Tools and Plant	,,,	500.
Establishment Charges	,,	28, 000.
Total		Rs.3,00,000.

1915-1916.

Acquisition.

For properties in Devaraj and other mohallas	,,Rs.	29,650.

Brought forward	Rs.	29,650.	
For properties in the remaining part of No.IV Drainage Area	Rs.	42,000.	Rs. 71,650.

Construction.

For laying sewers along the main roads and thoroughfares in No.II Drainage Area, Nazerbad and Ittiqegud	"	1,80,730.	
For pipe sewers in No.IV Drainage Area	"	5,500.	
For storm water drains	"	8,620.	" 1,94,850.
House-Building Advance			" 5,000.
Tools and Plant			" 500.
Establishment Charges			" 28,000.
		Total	Rs.3,00,000.

N.B. The sum of Rs.1,80,730/- provided for laying sewers along the main roads and thoroughfares in No.II Drainage Area etc., includes Rs.35,359/- provided for the linking up of the outfalls of No.I and V Drainage Areas.

1916-1917.

Acquisition.

For properties in Devaraj and other mohallas	Rs.	22,000.	
For properties in the remaining part of No.IV Drainage Area	"	22,000.	Rs. 44,000.

Construction.

For laying sewers along the main roads and thoroughfares in No.I Drainage Area, Nazerbad and Ittiqgud to complete

Brought forward	Rs.	44,000.
as per estimate	Rs.	2,22,500.
House-Building Advance	"	5,000.
Tools and Plant	"	500.
Establishment Charges	"	28,000.
Total	Rs.	3,00,000.

N.B. The sum of Rs.2,22,500/- provided for laying sewers along the main roads and thoroughfares, etc., includes a provision of Rs.4,451/- for linking up of outfalls.

1917-1918.

Acquisition.

For properties in Devaraj and other wchalms	Rs.	22,000.		
For properties in the remaining part of No.IV Drainage Area	"	22,000.	Rs.	44,000.

Construction.

For laying sewers along the main roads and thoroughfares in No.II Drainage Area	"	2,22,500.
House-Building Advance	"	5,000.
Tools and Plant	"	500.
Establishment Charges	"	28,000.
Total	Rs.	3,00,000.

N.B. The sum of Rs.2,22,500/- provided for laying sewers along the main roads and thoroughfares, etc., includes a provision of Rs.5,104/- for linking up outfalls.

1918-1919.

Acquisition.			
For properties in Devaraj and other mohallas	Rs.	22,000.	
For properties in the remaining part of No.IV Drainage Area	"	22,000.	Rs. 44,000.
Construction			
For laying pipe sewers along the main roads and thoroughfares in No.II, III, Part I and No.V Drainage Areas to complete the estimate	"	1,71,599.	
For storm water drains	"	19,149.	" 1,90,748.
House-Building Advance			" 5,000.
Tools and Plant			" 500.
Establishment Charges			" 28,000.
		Total	Rs.2,68,248.
		Grand Total	Rs.23,67,590.

Office of the Chairman,
City Improvement Trust Board,
M Y S O R E.
Dated the 12 November 1911.

Chairman.

DIARY No. 2585

TOH-1912

Mysore City Improvement Trust Board,
FILE No. 136 Chairman's Office,
Dated, Mysore, 14th November 1911.

From

W. Kantharaj Urs, Esq., B.A.,

Chairman of the Board of Trustees,

Mysore City Improvements.

To

C.S.Balasundaram Iyer, Esq., B.A.,

Secy. to the Govt. of His Highness the Maharaja

of Mysore, Gen and Rev. Departments.

SIR,

In continuation of this office letter No.166 dated the 14th Instant, submitting drainage projects for the Mysore City on the lines indicated in the Chief Engineer's Note of April 1910, I have the honour to enclose herein the general report of the Board's Executive Engineer, on the complete scheme and other papers relating thereto as mentioned in the facing attached.

I have the honour to be,

Sir,

Your most obedient servant,

M. G. Balasundaram Iyer

For Chairman.

From

The CHAIRMAN of the Board of
Trustees for the Improvement
of the City of Mysore.

To

The SECRETARY to the Govt. of
His Highness the Maharaja of
Mysore, Gen. and Rev. Depts.

Dated
Despatched } 14th Nov 1911
Received
General No. 1677
Enclosures 1 Folio

SUBJECT

Submitting the general report of the Board's Executive Engineer, on the drainage projects for the Mysore City.

12

G.R.S. 28]

File No. 36-11
Serial No. 7

Diary No. of letter replied to 2757

Proceedings of the Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT

Bangalore, the 29 2. 1912
4. 3 1912

Date of issue 21 3 12

Signed by Work M.R

READ—

1. Note dated the 27th March 1910 drawn up by the Chief Engineer of Mysore on the drainage of the Mysore City.

2. G.O No 9902-6 dated 2nd Oct 06-09-2

ORDER PASSED—No

The 3rd May 1910 Existing regarding the Board of Trustees for the Improvement of the City to publish a Comprehensive programme of works to be carried

over

SUBJECT.

G.P.B—10,000 25-8-10

not in the future, on the lines suggested in paragraph 23 (4) of the Chief Engineer's note, for the consideration and orders of Govt.

3) Letter No. 8800 dated the 21st September 911 from the Chief Engineer of Mysore forwarding a copy of his memorandum dated the 28th June 911 on the Mysore City Drainage Scheme prepared by the Exe Engineer in accordance with the time of the Board for the suggestions made by the Chief Engineer.

4) Letter No. 166 dated the 18th November 911 from the Chairman, Mysore City Improvement Board, submitting a comprehensive programme of works involving a total expenditure of Rs 2367590/- and stating that after the same is approved by Government each project in the order of its importance and urgency will be submitted for the final sanction of Govt.

-5-

No 126-W (3)

G R S 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form.)

5) Correspondence ending with Letter No 173 dated the 20th Nov. 1911 from the Naval Officer

Q

Orders thereon 6834-5 mil 1361-11-7 21 3 12

In April 1910 the Chief Engineer submitted a Comprehensive note on the drainage of the Bazaar City, with his recommendations for the consideration of Government A copy of the note was forwarded to the Chairman of the Board of Trustees, Bazaar City Improvements and he was requested to submit a Comprehensive programme of works to be carried out in the future on the lines suggested in the Chief Engineer's note, para 43 (4) for the orders of Government

R

2) The Chairman has accordingly submitted a Comprehensive programme

of the works to be carried out in the Mysore City, costing in the aggregate Rs 23 67 590/ as detailed in the margin. The programme has been formulated on the assumption that a Government grant of three lakhs per annum would be given until the works are completed. The Chairman states that after the programme is approved and the orders of Government are received, each project in the order of its importance and urgency will be submitted for the final sanction of Government.

3) ~~Works of the value of~~ Rupees 27,02,634 have already been sanctioned and Govt considers it undesirable to ~~break~~ the suspend these ~~unfinished works at the present~~ stage.

They

=/-

(1) For further acquisition in the areas already effected upto = 2,86,881

(2) For acquisition in the areas not yet taken up = 2,45,052

(3) For a complete system of underground sewers for the whole city = 16,69,156

(4) For storm water surface drains and other works in unimproved areas = 58,199

(5) For improving the Devaraj market in Mysore = 1,1,60

(6) Establishment charges = 2,23,462

(7) Tools and plants = 4000

(8) House building loans = 40,000

Total Rs 23,67,590

G R S 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form.)

3. Government are pleased to approve of the programme, as now framed, generally, and to give an assurance that the annual grant of three lakhs will be continued until the programme is completely worked out. The Board will proceed to take up each project in the order of its importance & urgency & submit the same for the final sanction of Govt.

4. As per para 2 of the Chief Engineer's Memorandum referred to above it is stated that the project provides for the replacement of the present combined scheme of surface drains and underground sewers by a system of underground sewers with house connections adapted to future conditions and treatment which will be effected with the least disturbance of existing conditions and Government approve of this course.

5. As per para 6 of the same Memorandum, the

Ch. E.

Chief Engineer has suggested the marginally noted six points for the consideration of the Trust Board and the City Municipal Council. The Trust Board have approved of the first two points and the same are decided by the Chairman to have been incorporated in the afore-said programme - as regards the closing of pit privies, it is noted that the Municipal Council are taking the necessary steps in that direction. As the details of constructing water-tight sinks and drains for houses requiring house connections, the up-keep of the sewerage system and the disposal of sewage referred to in 3, 4, 5, 6, the Chairman is requested to kindly submit definite recommendations regarding

(1) Whether the Board approve of the drainage works now proposed as per accompanying statement and also the programme of the works selected for execution within the next five years.

(2) The extent of the work in connection with the demolition of insanitary areas and the houses still contemplated by them, say, within the next ten years, and whether the provision of four lakhs, made by Mr D'Cruz for expenditure on such work within the next five years, is accepted by the Board.

(3) The steps which the Trust Board and the Municipality propose taking in the matter of closing pit privies and arranging for the construction of water-tight sinks and drains in the case of houses which require house connections.

(4) Provision they are prepared to make for the efficient upkeep of the sewerage system when it comes into operation

(5) Whether it is proposed to pass the night-soil into the sewers or to manufacture it into poudrette

(6) Whether the Municipality will manage the sewage farm themselves or encourage a system of leases for the sale of sewage.

Mb 136 - 6

7

GRS 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form.)

in due course in consultation with the Municipal Council, and Provincial Board. Copies Note that neither the Board of Trustees nor the City Council is in favour of the proposal of having night-soil into sewers except in the case of Tanbie Factories and in houses where the flushing system can be introduced.

6. The revised plans and estimates received with the Chairman's letter No 166 dated the 13th December 1911 are also the enclosures to his last letter read above and letter No 167 dated the 14th December 1911 are herewith returned.

CSS 20/3/12

Secy

[P.T.O]

To,

The Chairman, Improvement
Trust Board with Memorandum
& Chief Engr of Improvement
with a copy of the programme of work
& Secy Improvement Trust with a copy of do
& President Improvement Trust Board,
& Councillors with a copy
of the programme of work (Memo Book 17)

READ —

Note dated the 27th April 1910 drawn up by the Chief Engineer of Mysore on the drainage of the Mysore City

2 Government Order No 9902 6—Ml 406 09-2 dated the 3rd May 1910 requesting the Board of Trustees for the Improvement of the Mysore City to submit a comprehensive programme of works to be carried out in the future on the lines suggested in paragraph 43 (11) of the Chief Engineer s note for the consideration and orders of Government

3 Letter No 8800 dated the 21st September 1911 from the Chief Engineer of Mysore forwarding a copy of his memorandum dated the 26th June 1911 on the Mysore City Drainage Scheme prepared by the Executive Engineer of the Board in accordance with the suggestions made by the Chief Engineer

4 Letter No 166 dated the 13th November 1911 from the Chairman Mysore City Improvement Trust Board submitting a comprehensive programme of works involving a total expenditure of Rs 23 67 590 and stating that after the same is approved by Government each project in the order of its importance and urgency will be submitted for the final sanction of Government

5 Letter No 173 dated the 20th November 1911 from the same officer

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No 6831 5—ML 136 11 7, DATED 21ST MARCH 1912

ORDER THEREON — In April 1910 the Chief Engineer submitted a comprehensive note on the drainage of the Mysore City with his recommendations for the consideration of Government A copy of the note was forwarded to the Chairman of the Board of Trustees, Mysore City Improvements and he was requested to submit a comprehensive programme of works to be carried out in the future on the lines suggested in the Chief Engineer s note, para 43 (11), for the orders of Government

2 The Chairman has accordingly submitted a comprehensive programme of the works to be carried out in the Mysore City, costing in the aggregate Rs 23 67 590 as detailed in the margin The programme has been formulated on the assumption that a Government grant of three lakhs per annum would be given until the works are completed

	Rs
(1) For further acquisition in the areas already operated upon	2 86 881
(2) For acquisition in the areas not yet taken up	2 45 052
(3) For a complete system of underground sewers for the whole city	14 69 156
(4) For storm water surface drains and other works in improved areas	58 199
(5) For improving the Devaraj Market in Mysore	41 160
(6) Establishment charges	2 23 142
(7) Tools and plant	4 000
(8) Housebuilding loans	40 000
Total Rs	23 67 590

3 Government are pleased to approve of the programme as now framed generally and to give an assurance that the usual annual grant of three lakhs will be continued until the programme is completely worked out The Board will proceed to take up each project in the order of its importance and urgency and submit the same for the final sanction of Government

4 In para 2 of the Chief Engineers Memorandum referred to above it is stated that the project provides for the supercession of the present combined scheme of surface drains and underground sewers by a system of underground sewers with house connections adapted to Indian conditions and that this will be effected with the least disturbance of existing conditions and Government approve of this course

5 In para 4 of the same memorandum, the Chief Engineer has suggested the marginally noted six points for the consideration of the Trust Board and the City Municipal Council The Trust Board have approved of the first two points and the same are stated by the Chairman to have been incorporated in the aforesaid programme. As regards the closing of pit privies, it is noted that the Municipal Council is taking the necessary steps in that direction In the matter of constructing water-tight sunks and drains for houses requiring house connections, the up-keep of the sewerage system and the disposal of sewage referred to in 3, 4 and 6, the Chairman is requested to submit definite recommendations separately in due course in consultation with the Municipal Council Government note that neither the Board of Trustees nor the City Municipal Council is in favor of the proposal of passing night-soil into sewers except in the case of public latrines and houses where the flushing system can be introduced

(1) Whether the Board approve of the drainage works now proposed as per accompanying statement and also the programme of the works selected for execution within the next five years.

(2) The extent of the work in connection with the demolition of insanitary areas and the houses still contemplated by them, say, within the next ten years, and whether the provision of four lakhs, made by Mr D Cruz, for expenditure on such work within the next five years, is accepted by the Board

(3) The steps which the Trust Board and the Municipality propose taking in the matter of closing pit privies and arranging for the construction of water tight sunks and drains in the case of houses which require house connections

(4) Provision they are prepared to make for the efficient up-keep of the sewerage system when it comes into operation

(5) Whether it is proposed to pass the night-soil into the sewers or to manufacture it into poudrette.

(6) Whether the Municipality will manage the sewage farm themselves or encourage a system of leases for the sale of sewage.

6 The several plans and estimates received with the Chairman's letter No. 166, dated the 13th November 1911, as also the enclosures to his last letter read above and letter No 167, dated the 14th November 1911, are herewith returned.

C S BALASUNDARAM IYER,
Offg Secy to Govt., Gen & Rev Depts

To—The Chairman, Mysore City Improvement Trust Board with plans etc.
The Chief Engineer of Mysore with a copy of the programme of works.
The Sanitary Commissioner with a copy of do.
The President, Mysore City Municipal Council
Comptroller with a copy of the programme of works (through Branch II)

APPENDIX

MYSORE CITY IMPROVEMENT TRUST BOARD

Comprehensive programme of works to be executed by the City Improvement Trust Board, Mysore, during the octennium ending 1918-1919, formulated on the assumption that a Government grant of three lakhs will be available for them annually

1911-1912.

Acquisition—

	Rs.	Rs.
For properties in the Fort, Lashkar, Mandi and Devaraj Mohallas	75,000	
For properties in Krishnaraj Mohalla, Part II of No IV Drainage Area	13,000	88,000

Local Fund and Sanitary (Municipal), dated 21st March 1912

	Rs.	Rs.
Construction—		
For pipe sewers in No III Drainage Area, Part II, Devaraj Mohalla, to complete the estimate	1,25,000	
For outfall sewer	15,000	
For storm water drains	3,600	
For the improvement of the Devaraj Market	35,000	1,78,600
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		27,242
Total		2,99,342

N.B.—If no necessity arises for utilising the sum of Rs. 35,000 provided for the improvement of the Devaraj Market, the same will be appropriated for modifying and extending the outfall sewer of the City

1912 1913

	Rs	Rs.
Acquisition—		
For properties in the Fort and Devaraj Mohallas	56,350	
For properties in Krishnaraj Mohalla, No. IV Drainage Area, Part II	40,000	96,350
Construction—		
For pipe sewers in No. IV Drainage Area	86,540	
For outfall sewer	77,550	
For the improvement of the Devaraj Market	6,160	1,70,250
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		27,900
Total		3,00,000

1913-1914

	Rs.	Rs.
Acquisition—		
For properties in Devaraj and other Mohallas	30,000	
For properties in Krishnaraj Mohalla, Part II, No. IV Drainage Area and remaining part of No. IV Drainage Area	42,000	72,000
Construction—		
For modifying the existing sewers in Fort	15,810	
For pipe sewers in No. IV Drainage Area	1,51,860	
For storm water drains	26,330	1,94,500
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		28,000
Total		3,00,000

1914-1915

	Rs.	Rs
Acquisition—		
For properties in Devaraj and other Mohallas	30,000	
For properties in the remaining part of No. IV Drainage Area	42,000	72,000
Construction—		
For laying sewers along the main roads and thoroughfares in No I Drainage Area, Part I.	86,550	
For pipe sewers in No. IV Drainage Area	1,07,950	1,94,500
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		28,000
Total		3,00,000

Proceedings of the Government of His Highness the Maharaja of Mysore

1915-1916

	Rs.	Rs.
Acquisition—		
For properties in Devaraj and other Mohallas	29,650	
For properties in the remaining part of No IV Drainage Area	42,000	71,650
Construction—		
For laying sewers along the main roads and thoroughfares in No. II Drainage Area, Nazarbad and Ittigegud	1,80,780	
For pipe sewers in No. IV Drainage Area	5,500	
For storm water drains	8,620	1,94,850
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		28,000
Total		3,00,000

N.B.—The sum of Rs. 1,80,780, provided for laying sewers along the main roads and thoroughfares in No. II Drainage Area, etc., includes Rs. 35,000 provided for the linking up of the outfalls of No. I and V Drainage Areas.

1916-1917

	Rs.	Rs.
Acquisition—		
For properties in Devaraj and other Mohallas	22,000	
For properties in the remaining part of No. IV Drainage Area	22,000	44,000
Construction—		
For laying sewers along the main roads and thoroughfares in No I Drainage Area, Nazarbad and Ittigegud to complete as per estimate		2,22,500
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		28,000
Total		3,00,000

N.B.—The sum of Rs. 2,22,500, provided for laying sewers along the main roads and thoroughfares, etc., includes a provision of Rs. 4,451 for linking up of outfalls.

1917-1918.

	Rs.	Rs.
Acquisition—		
For properties in Devaraj and other Mohallas	22,000	
For properties in the remaining part of No. IV Drainage area	22,000	44,000
Construction—		
For laying sewers along the main roads and thoroughfares in No. II Drainage area		2,22,500
Housebuilding advance		5,000
Tools and plant		500
Establishment charges		28,000
Total		3,00,000

N B.—The sum of Rs. 2,22,500, provided for laying sewers along the main roads and thoroughfares, etc., includes a provision of Rs. 5,104 for linking up outfalls.

1918-19

	Rs.	Rs.
Acquisition—		
For properties in Devaraj and other Mohallas	22,000	
For properties in the remaining part of No. IV Drainage area	22,000	44,000

Local Fund and Sanitary (Municipal), dated 21st March 1912

Construction—		Rs.	Rs.
For laying pipe sewers along the main roads and thoroughfares in No. II, III, Part I and No. V, Drainage areas to complete the estimate		1,71,599	
For storm water drains		19,149	1,90,748
Housebuilding advances			5,000
Tools and plant			500
Establishment charges			28,000
	Total		2,68,248
	Grand Total		23,67,590